

ABSTRACT

A transmission having a plurality of gear ratios (~~15, 17~~), a selector ~~means~~ assembly (~~13~~) for selectively engaging the gear ratios, a clutch ~~means~~ device (~~2~~) for selectively transmitting drive from a drive source to the transmission, and a control system for controlling a clutch torque limit, said in which the control system ~~being constructed and arranged to~~ automatically ~~adjust~~ adjusts the clutch torque limit value before the selector ~~means~~ assembly selects an unengaged gear ratio, to allow relative rotational movement between input and output sides of the clutch if the torque exceeds the predetermined value when the unengaged gear ratio is engaged by the selector ~~means~~ assembly.